

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pLenti CMV RasV12 Neo (w108-1)

RRID:Addgene_22259

Type: Plasmid

Proper Citation

RRID:Addgene_22259

Plasmid Information

URL: <http://www.addgene.org/22259>

Proper Citation: RRID:Addgene_22259

Insert Name: HRAS G12V

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8378; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti CMV RasV12 Neo (w108-1)

Relevant Mutation: G12V mutant

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260725T074431+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV RasV12 Neo (w108-1).

No alerts have been found for pLenti CMV RasV12 Neo (w108-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Oskouian B, et al. (2024) AF1q is a universal marker of neuroblastoma that sustains N-Myc expression and drives tumorigenesis. *Oncogene*.

Kumar B, et al. (2023) Stromal heterogeneity may explain increased incidence of metaplastic breast cancer in women of African descent. *Nature communications*, 14(1), 5683.

Kumar B, et al. (2021) Bidirectional Regulatory Cross-Talk between Cell Context and Genomic Aberrations Shapes Breast Tumorigenesis. *Molecular cancer research : MCR*, 19(11), 1802.

Bryson BL, et al. (2021) Aberrant Induction of a Mesenchymal/Stem Cell Program Engages Senescence in Normal Mammary Epithelial Cells. *Molecular cancer research : MCR*, 19(4), 651.

Omer A, et al. (2020) G3BP1 controls the senescence-associated secretome and its impact on cancer progression. *Nature communications*, 11(1), 4979.

De Cecco M, et al. (2019) L1 drives IFN in senescent cells and promotes age-associated inflammation. *Nature*, 566(7742), 73.

Sancho-Martinez I, et al. (2016) Establishment of human iPSC-based models for the study and targeting of glioma initiating cells. *Nature communications*, 7, 10743.

Rampias T, et al. (2014) RAS/PI3K crosstalk and cetuximab resistance in head and neck squamous cell carcinoma. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 20(11), 2933.